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PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE LAS VEGAS NV
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...PUBLIC INFORMATION STATEMENT...

2005 ANNUAL WEATHER SUMMARY - LAS VEGAS NEVADA

ONCE AGAIN LAS VEGAS EXPERIENCED A WARM AND WET YEAR. 2005 MARKED THE THIRD CONSECUTIVE YEAR WITH MORE THAN SIX INCHES OF PRECIPITATION WHICH HAS ONLY HAPPENED ONCE BEFORE. LAS VEGAS RECEIVED ITS NORMAL ANNUAL PRECIPITATION DURING THE FIRST EIGHT WEEKS OF THE YEAR FINISHING ITS WETTEST WINTER ON RECORD.

ONE OF THE BIGGER STORIES OF THE YEAR WAS THE SUMMER HEAT. DURING ONE WEEK IN JULY...A TOTAL OF 17 DIFFERENT TEMPERATURE RECORDS WERE TIED OR BROKEN INCLUDING THE SECOND TIME LAS VEGAS HAS OFFICIALLY REACHED 117 DEGREES. THIS HELPED LAS VEGAS TIE FOR THE WARMEST YEAR ON RECORD WHICH WAS PREVIOUSLY SET IN 2003.

JANUARY

JANUARY 2005 BEGAN JUST AS 2004 ENDED...COOL AND WET. DURING THE FIRST ELEVEN DAYS LAS VEGAS RECORDED AT LEAST A TRACE OF RAIN ON 8 OF THOSE DAYS WITH NEARLY AN INCH OF RAIN RECORDED BETWEEN THE 3RD AND 4TH. THE TOTAL RAINFALL DURING THE FIRST TWO WEEKS WAS 1.48 INCHES WHICH WAS 33 PERCENT OF OUR ANNUAL TOTAL. THINGS DRIED OUT BETWEEN THE 12TH AND THE 25TH WITH TEMPERATURES CLIMBING TO WELL ABOVE NORMAL. MOST HIGH TEMPERATURES WERE IN THE MID TO UPPER 60S WITH 71 DEGREES RECORDED ON THE 19TH. TEMPERATURES WERE BACK TO NORMAL DURING THE LAST WEEK WITH RAINFALL RECORDED ON 4 OF THOSE DAYS. THIS WAS THE FOURTH WETTEST JANUARY ON RECORD WITH A TOTAL OF 2.07 INCHES. TEMPERATURES ALSO AVERAGED WELL ABOVE NORMAL FOR THE MONTH WITH AN AVERAGE OF 51.4 DEGREES. THIS MADE THE MONTH THE FOURTH WARMEST ON RECORD.

FEBRUARY

FEBRUARY WAS A WET MONTH WITH AT LEAST A TRACE OF RAIN FALLING ON 14 OF THE 28 DAYS. THIS FELL TWO DAYS SHY OF THE FEBRUARY RECORD OF 16 DAYS OF AT LEAST A TRACE OF RAINFALL. FROM THE 17TH THROUGH THE 26TH (A SPAN OF 10 DAYS) AT LEAST A TRACE OF RAINFALL WAS RECORDED EACH DAY. THIS BROKE THE ALL-TIME CONSECUTIVE DAY STREAK OF 9 SET THREE DIFFERENT TIMES. PRECIPITATION TOTALED 2.45 INCHES WHICH MADE THE MONTH THE FOURTH WETTEST FEBRUARY ON RECORD. JANUARY AND FEBRUARY PRECIPITATION TOTALED 4.52 INCHES OF RAIN...WHICH IS 3 HUNDREDTHS OF AN INCH ABOVE THE YEARLY AVERAGE. TEMPERATURES WERE CLOSE TO NORMAL WITH NO RECORDS SET.

MARCH

MARCH WAS A RELATIVELY QUIET MONTH WITH TEMPERATURES SLIGHTLY ABOVE NORMAL AND PRECIPITATION SLIGHTLY BELOW NORMAL. TEMPERATURES REACHED AT LEAST 80 DEGREES ON THE 9TH AND 10TH AND AGAIN ON THE 12TH...BEFORE FALLING BACK INTO THE 60S FOR THE REMAINDER OF THE MONTH. THUNDERSTORMS WERE RECORDED ON THE 22ND AND 23RD WITH THE AIRPORT RECEIVING A TOTAL OF 0.22 INCHES. MARCH IS TYPICALLY ONE OF THE WINDIER MONTHS OF THE YEAR...HOWEVER THE LACK OF MAJOR SPRING STORMS KEPT WINDS AT A MINIMUM. THE AVERAGE WIND SPEED FOR THE MONTH WAS 8.3 MPH WHICH WAS WELL BELOW NORMAL.

APRIL

APRIL WAS ANOTHER QUIET MONTH WITH TEMPERATURES AND PRECIPITATION AVERAGING NEAR NORMAL. APRIL IS NORMALLY THE SECOND DRIEST MONTH OF THE YEAR WITH AN AVERAGE PRECIPITATION OF 0.15 INCHES. RAINFALL OCCURRED ON 7 DAYS TOTALING 0.06 INCHES. NO RECORDS WERE SET DURING THE MONTH.

MAY

MAY SAW A RETURN TO DRY AND WARM CONDITIONS WITH TEMPERATURES AVERAGING ABOVE NORMAL AND PRECIPITATION WELL BELOW NORMAL. THE FIRST OCCURRENCE OF ONE HUNDRED DEGREES OR HIGHER OCCURRED ON THE 20TH WHEN THE TEMPERATURE REACHED 102. TEMPERATURES STAYED AT OR ABOVE 100 DEGREES FOR 9 DAYS IN A ROW BETWEEN THE 20TH AND 28TH WITH 105 DEGREES RECORDED ON THE 22ND AND 23RD. THIS WAS THE LONGEST CONSECUTIVE STRETCH OF 100 DEGREE DAYS EVER RECORDED IN MAY. WITH AN AVERAGE TEMPERATURE OF 78.9 DEGREES THIS MADE MAY 2005 THE 6TH WARMEST MONTH ON RECORD. ONLY A TRACE OF RAIN WAS RECORDED TWICE DURING THE MONTH. A STRONG LOW PRESSURE SYSTEM MOVED THROUGH THE REGION ON MAY 16TH BRINGING LAS VEGAS A 52 MPH WIND GUST...WHICH WAS THE HIGHEST OF THE YEAR.

JUNE

THE FIRST TWO WEEKS OF JUNE STARTED RATHER COOL WITH HIGH TEMPERATURES IN THE 80S AND 90S AND LOW TEMPERATURES IN THE 60S. BY THE SECOND WEEK...TEMPERATURES BEGAN TO WARM WITH HIGHS RANGING FROM THE MID 90S TO LOW 100S. THE WARMEST TEMPERATURE OF THE MONTH WAS 110 DEGREES ON THE 21ST...WHICH WAS ONE DEGREE SHY OF THE RECORD. PRECIPITATION OCCURRED ON ONE DAY WHEN 0.07 INCHES FELL. THIS WAS ONE HUNDREDTH OF AN INCH SHY OF THE NORMAL MONTHLY PRECIPITATION.

JULY

JULY 2005 WILL BE REMEMBERED AS AN EXTREMELY HOT TIME IN LAS VEGAS. THE MONTHLY AVERAGE TEMPERATURE WAS 95.3 DEGREES MAKING THIS THE HOTTEST JULY EVER AND THE HOTTEST OF ANY MONTH. TEMPERATURES DURING THE FIRST ELEVEN DAYS WERE CLOSE TO NORMAL WITH READINGS RANGING FROM 104 TO 109. HOWEVER...BEGINNING ON THE 12TH THROUGH THE 19TH TEMPERATURES CLIMBED TO 110 DEGREES OR ABOVE. THIS MARKED THE HOTTEST WEEK EVER IN LAS VEGAS. SEVERAL RECORDS WERE BROKEN THIS WEEK ALONE. THEY INCLUDE: THE HOTTEST TEMPERATURE...117 DEGREES...

THE WARMEST LOW TEMPERATURE...95 DEGREES...THE WARMEST DAILY AVERAGE TEMPERATURE...106 DEGREES...MOST CONSECUTIVE DAYS WITH TEMPERATURES ABOVE 115...4...AND MOST 115 DEGREE DAYS IN A MONTH...5. THERE WERE 9 CONSECUTIVE DAYS WITH TEMPERATURES 110 OR GREATER...WHICH WAS THE SECOND LONGEST STREAK. A THUNDERSTORM ON JULY 24 BROUGHT 0.52 INCHES OF RAIN...WHICH WAS ENOUGH TO BRING ABOVE NORMAL PRECIPITATION FOR THE MONTH.

AUGUST

THUNDERSTORMS WERE RECORDED ON FIVE OF THE FIRST NINE DAYS OF THE MONTH. HOWEVER...NO MEASURABLE RAINFALL OCCURRED AT THE AIRPORT. A THUNDERSTORM ON THE 14TH FINALLY PRODUCED 0.26 INCHES OF RAIN WHICH WAS THE TOTAL FOR THE MONTH. THE HOTTEST DAYS DURING AUGUST ACTUALLY OCCURRED DURING THE LAST WEEK. TEMPERATURES ON THE 28TH AND 29TH REACHED 108 DEGREES...FALLING TWO DEGREES SHY OF THE RECORD. A THUNDERSTORM ON THE 9TH KEPT THE HIGH TEMPERATURE IN THE MID 80S...WHICH SET A LOW MINIMUM RECORD FOR THE DAY.

SEPTEMBER

TEMPERATURES REMAINED WARM DURING THE FIRST WEEK OF SEPTEMBER WITH READINGS RANGING FROM 100 TO 102. THE FIRST MAJOR PACIFIC SYSTEM OF THE SEASON BROUGHT A COLD FRONT THROUGH THE STATE AND DROPPED TEMPERATURES INTO THE MID 80S TO AROUND 90. TEMPERATURES REMAINED NEAR NORMAL FOR THE REMAINDER OF THE MONTH AND ONLY A TRACE OF RAIN WAS RECORDED.

OCTOBER

SEVERAL PACIFIC SYSTEMS AFFECTED THE REGION DURING OCTOBER, BUT RAINFALL REMAINED SPARSE DURING THE FIRST TWO WEEKS. ALTHOUGH NO RAIN FELL ON THE 2ND...SIGNIFICANT CLOUD COVER OVERNIGHT LED TO A LOW TEMPERATURE OF 76 DEGREES. THIS WAS THE ALL TIME OCTOBER RECORD FOR WARMEST LOW TEMPERATURE. ON THE 17TH A DEEP LOW PRESSURE SYSTEM OFF THE SOUTHERN CALIFORNIA COAST WRAPPED MOISTURE INTO SOUTHERN NEVADA AND BROUGHT 1.45 INCHES OF RAIN TO LAS VEGAS IN A 24 HOUR PERIOD. THIS MADE THE MONTH THE WETTEST OCTOBER ON RECORD...BREAKING THE PREVIOUS OCTOBER RECORD BY TWENTY TWO HUNDREDTHS OF AN INCH. THE AVERAGE TEMPERATURE FOR THE MONTH WAS 70.4 DEGREES WHICH WAS 1.7 DEGREES ABOVE NORMAL.

NOVEMBER

NOVEMBER WAS DOMINATED BY STRONG HIGH PRESSURE OVER THE WESTERN U.S. AS STRONG WINTER STORMS POUNDED THE EAST. THIS LED TO WELL ABOVE NORMAL TEMPERATURES AND DRY CONDITIONS. NO PRECIPITATION WAS RECORDED DURING THE MONTH WHICH MARKED ONLY THE EIGHTH TIME SINCE 1938 THAT THIS OCCURRED. WITH THE LACK OF RAINFALL AND STRONG HIGH PRESSURE TEMPERATURES FOR THE MONTH AVERAGED 59.3 DEGREES, 4.3 DEGREES ABOVE NORMAL. THIS MADE NOVEMBER 2005 THE SECOND WARMEST ON RECORD.

DECEMBER

DECEMBER BEGAN JUST AS NOVEMBER ENDED WITH WARM TEMPERATURES AND DRY CONDITIONS. THE OVERALL WEATHER PATTERN REMAINED THE SAME WITH HIGH PRESSURE IN THE WEST AND A TROUGH IN THE EAST. SEVERAL WEAK COLD FRONTS DID MOVE THROUGH THE STATE HELPING TO DROP TEMPERATURES TO NEAR NORMAL AND BRINING THE TWO COLDEST LOW TEMPERATURES OF THE YEAR. THE 16TH AND 17TH BOTH HAD LOWS OF 30 DEGREES. ONE HUNDREDTH OF AN INCH OF RAIN FELL ON THE 18TH AND EVEN SOME AREAS IN SUMMERLIN REPORTED SLEET. ANOTHER WEAK SYSTEM BRUSHED THE REGION ON THE LAST DAY OF THE YEAR WITH 0.01 INCHES OF RAIN FALLING AT THE AIRPORT PUSHING THE MONTHLY TOTAL UP TO 0.02 INCHES.

2005 ANNUAL LAS VEGAS TOTALS

...HIGHLIGHTS...

...TIED FOR THE WARMEST YEAR ON RECORD...
...ALL-TIME HIGHEST ANNUAL LOW TEMPERATURE...
...THIRD WARMEST JANUARY ON RECORD...
...SIXTH WARMEST MAY ON RECORD...
...HOTTEST JULY ON RECORD AND HOTTEST OF ANY MONTH...
...SECOND WARMEST NOVEMBER ON RECORD...
...ALL-TIME WARMEST LOW TEMPERATURE RECORDED (95 DEGREES)...
...TIED ALL-TIME WARMEST HIGH TEMPERATURE ON RECORD (117 DEGREES)...
...ALL-TIME WARMEST DAILY AVERAGE TEMPERATURE (106 DEGREES)...
...MOST CONSECUTIVE DAYS WITH HIGH TEMPERATURES 115 OR GREATER (4)...
...MOST DAYS WITH HIGH TEMPERATURES 115 DEGREES OR GREATER (5)...
...SIXTH WETTEST YEAR ON RECORD...
...ALL-TIME CONSECUTIVE DAYS WITH AT LEAST A TRACE OF RAIN (10)...

TEMPERATURE

OBSERVED
AVERAGE NORMAL DEPARTURE

HIGH	80.2	79.9	+0.3
LOW	60.0	56.3	+3.7
MEAN	70.1	68.1	+2.0

HIGHEST TEMPERATURE OF THE YEAR: 117 DEGREES ON JULY 19
LOWEST TEMPERATURE OF THE YEAR: 30 DEGREES ON DECEMBER 16,17

NUMBER OF DAYS AT OR BELOW 32 DEGREES: 2 (ANNUAL AVERAGE: 24)
NUMBER OF DAYS AT OR ABOVE 100 DEGREES: 76 (ANNUAL AVERAGE: 72.4)
NUMBER OF DAYS AT OR ABOVE 110 DEGREES: 10 (ANNUAL AVERAGE: 8.6)
NUMBER OF DAYS AT OR ABOVE 115 DEGREES: 5 (ANNUAL AVERAGE: 0.6)

DAILY TEMPERATURE RECORDS TIED OR BROKEN...

HIGH TEMPERATURE RECORDS: HIGH MAX: 5 HIGH MIN: 22
LOW TEMPERATURE RECORDS: LOW MAX: 1 LOW MIN: 0

INTERESTING FACT...THE LAST TIME A LOW MINIMUM TEMPERATURE RECORD
WAS SET IN LAS VEGAS WAS JUNE 4, 1999.

PRECIPITATION

TOTALS NORMAL DIFFERENCE

7.37 4.49 +2.88

GREATEST 24 HOUR PRECIPITATION: 1.37 INCHES ON OCTOBER 17-18

TOTAL NUMBER OF DAYS WITH MEASURABLE PRECIPITATION*: 34 (ANNUAL
AVERAGE: 26)

TOTAL NUMBER OF THUNDERSTORM DAYS: 18 (ANNUAL AVERAGE: 12)

HIGHEST OFFICIAL WIND GUST: 52 MPH ON MAY 16

*MEASURABLE PRECIPITATION IS 0.01 OR GREATER

READINGS AND RECORDS ARE FROM THE OFFICIAL WEATHER RECORDING
STATION AT MCCARRAN INTERNATIONAL AIRPORT.

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GORELOW